

Converting Colors

CIELCh(54, 75.672, 328.248)

Have a look what the booklet for
CIELCh(54, 75.672, 328.248)
contains.

CIELCh(54, 75.672, 328.248)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(54, 75.672, 328.248)

Conversions

Conversions Part 1

Format	Color
Hex	CA4DC7
RGB	202, 77, 199
RGB Percent	79%, 30%, 78%
CMY	0.2080, 0.6982, 0.2198
CMYK	0.00, 0.62, 0.01, 0.21
HSL	301°, 54%, 55%
HSV	301°, 62%, 79%
XYZ	37.3012, 21.9746, 56.2845
YIQ	128.2830, 35.3380, 64.4420

Conversions

Conversions Part 2

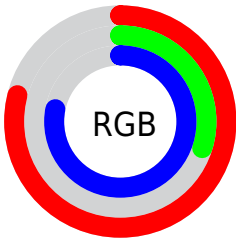
Format	Color
R_{YB}	202, 77, 199
Decimal	13258183
CIE _{Lab}	54.00, 64.35, -39.82
CIE _{LCh}	54, 75.672, 328.248
Yxy	21.9746, 0.3228, 0.1902
Android (android.graphics.Color)	4291448263 (0xFFCA4DC7)
YUV	128.2830, 34.8635, 64.6498
Hunter-Lab	46.8770, 60.0021, -38.3747

Details

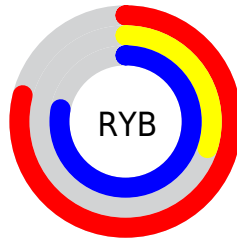
The CIELCh color **54, 75.672, 328.248** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **72, 76.710, 139.594**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 74.128, 326.948**, and **34, 75.888, 328.233** is the 20% darker color. If you saturate the color by 10%, you get **51, 84.007, 328.604**, and if you desaturate by 10%, it is **57, 65.459, 327.825**.

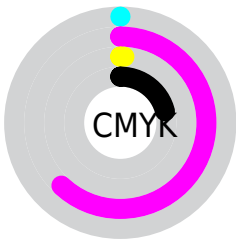
Distribution



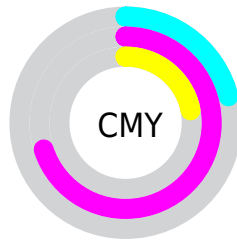
- Red (79%)
- Green (30%)
- Blue (78%)



- Red (79%)
- Yellow (30%)
- Blue (78%)



- Cyan (0%)
- Magenta (62%)
- Yellow (1%)
- Black (21%)




- Cyan (21%)
- Magenta (70%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 75.672, 328.248 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 54, 75.672, 328.248 by changing the saturation by 10% instead.


 54, 75.672,
328.248

 54, 75.672,
328.248


 100, 75.672,
328.248

 44, 75.672,
328.248


 74, 75.672,
328.248

 34, 75.672,
328.248

 84, 75.672,
328.248

 24, 75.672,
328.248

 94, 75.672,
328.248

 14, 75.672,
328.248

 4, 75.672, 328.248

 0, 75.672, 328.248

54, 75.672,
328.248

54, 75.672,
328.248

51, 84.007,
328.604

57, 65.459,
327.825

49, 90.060,
328.884

61, 53.882,
327.346

48, 93.652,
329.089

66, 41.428,
326.828

48, 95.134,
329.214

70, 28.510,
326.284

75, 15.441,
325.724

80, 2.445, 325.082

86, 10.333,
144.675

91, 22.803,
144.136

■ 95, 32.670,
143.766

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



54, 75.672, 328.248



72, 76.710, 139.594

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54, 75.672, 328.248



54, 75.672, 18.248



54, 75.672, 148.248



54, 75.672, 198.248

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



54, 75.670, 328.248



88, 29.892, 326.138



40, 75.102, 300.307



45, 20.579, 326.299



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54, 75.670, 328.248



63, 102.704, 328.700



51, 55.902, 352.108



40, 7.417, 325.582



39, 82.166, 329.200



5, 28.491, 328.274

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



54, 75.670, 328.248



63, 102.704, 328.700



73, 52.576, 157.471



40, 7.417, 325.582



39, 82.166, 329.200



5, 28.491, 328.274

Previews

White Background



This preview shows how the CIELCh color 54, 75.672, 328.248 looks on a white background.

Color Contrast Check

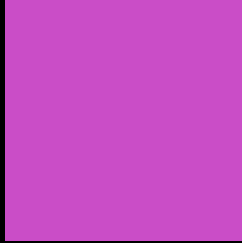
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 54, 75.672, 328.248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

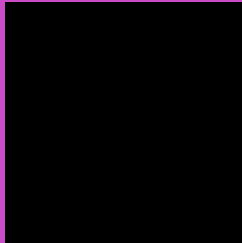
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 75.672, 328.248

Background



This preview shows how black text looks on a background with the CIELCh color 54, 75.672, 328.248.



This preview shows how white text looks on a background with the CIELCh color 54, 75.672, 328.248.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
54, 75.672, 328.248

Protanopia
55, 67.348, 287.171

Deuteranopia
54, 35.549, 282.065



Tritanopia
54, 38.155, 18.568

Trichromacy



Original Color
54, 75.672, 328.248



Protanomaly
52, 68.811, 299.640



Deuteranomaly
52, 49.115, 306.849



Tritanomaly
54, 46.683, 351.158

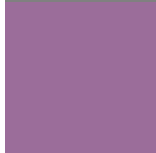
Monochromacy



Original Color
54, 75.672, 328.248



Achromatopsia
54, 0.007, 296.813



Achromatomaly
52, 31.165, 326.615

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 75.672, 328.248 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(202, 77, 199)` looks like.

```
.text, #text, p{  
    color:rgb(202, 77, 199)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(202, 77, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 77, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 75.672, 328.248 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(202, 77, 199) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(202, 77, 199) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(202, 77, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 77, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 77, 199);  
box-shadow:4px 4px 4px 4px rgb(202, 77,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 75.672, 328.248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 77, 199) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(202, 77,  
199) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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